

FIG. 1

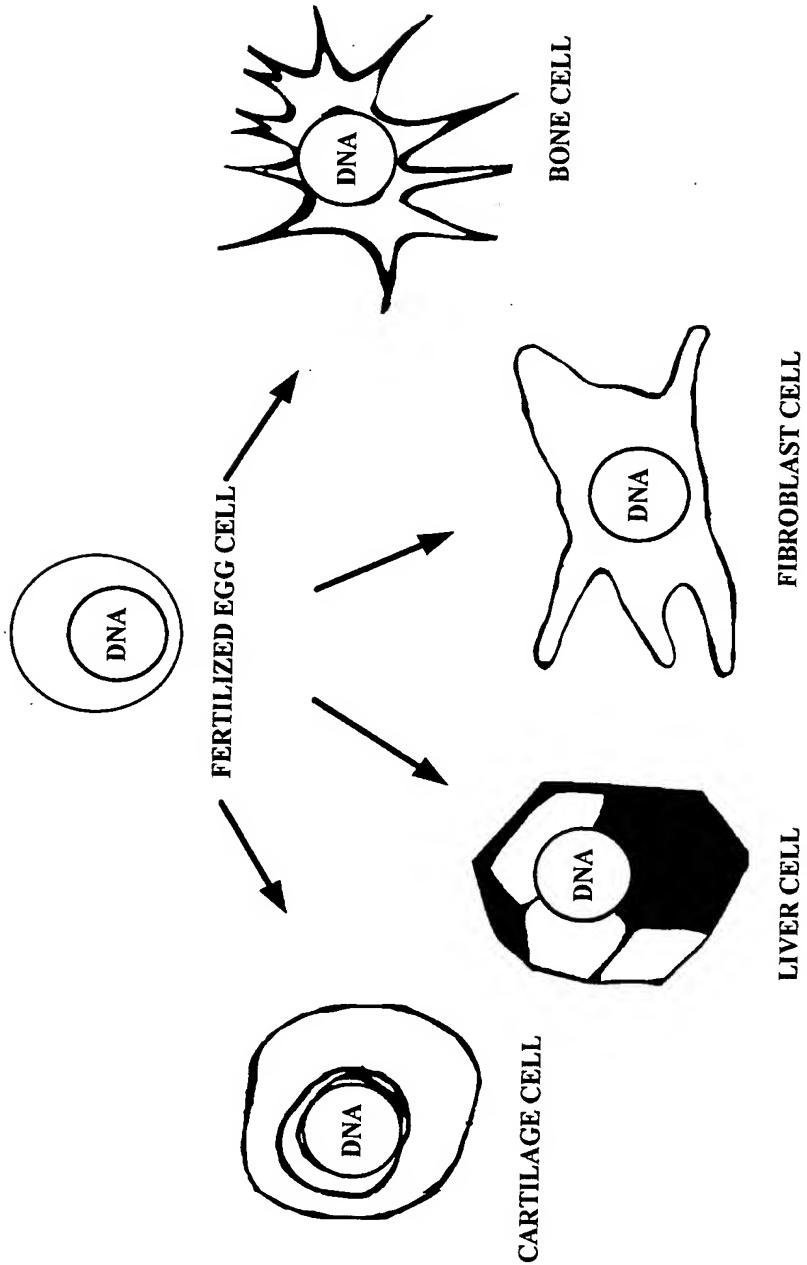
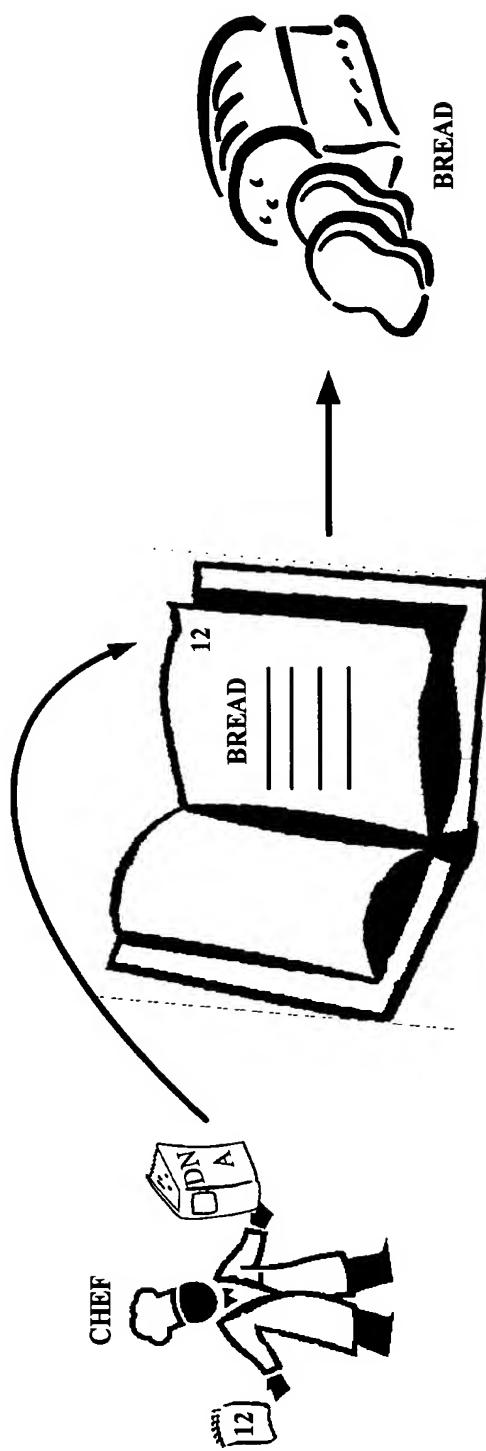


FIG. 2A



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FIG. 2B

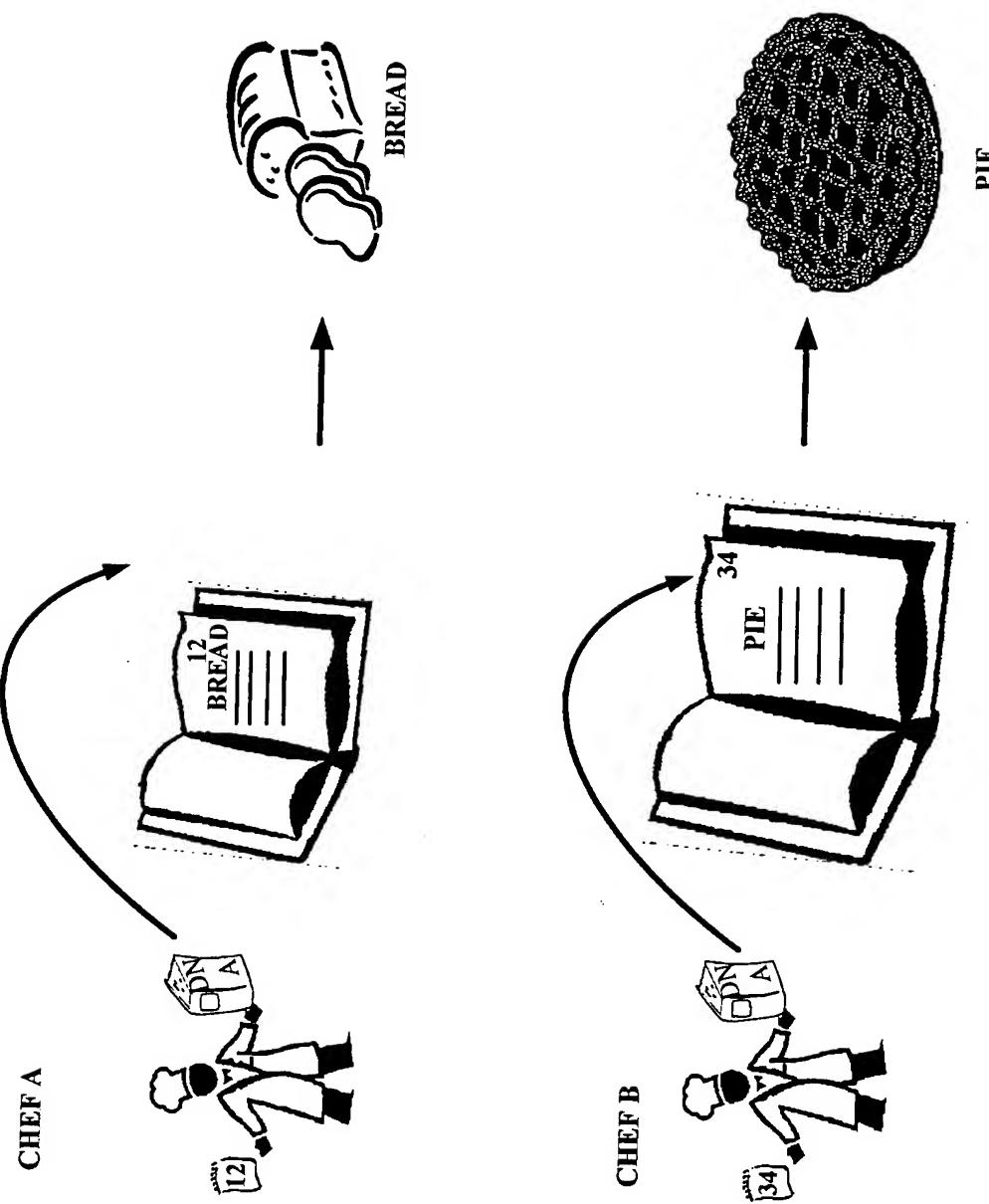


FIG. 3

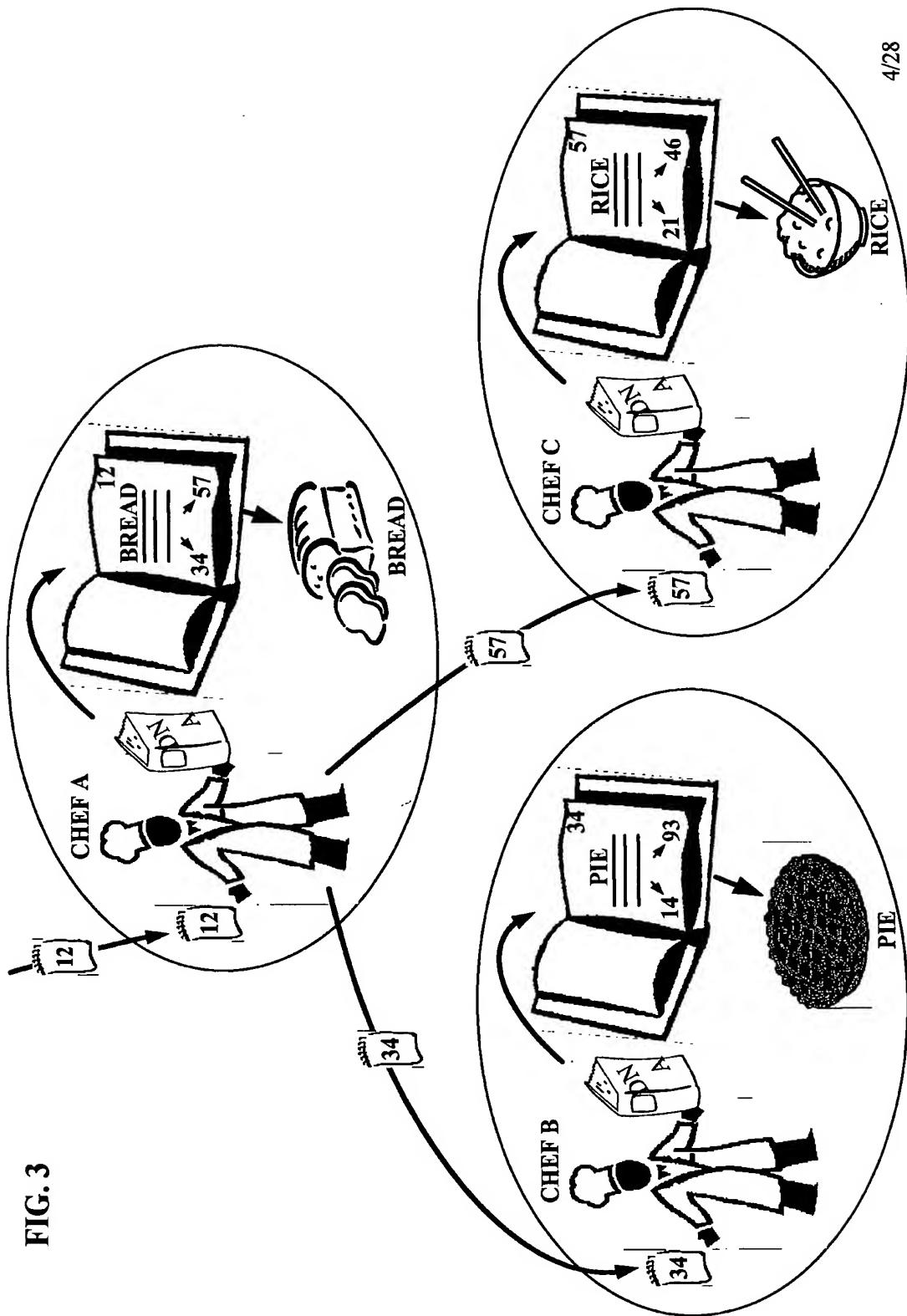


FIG. 4

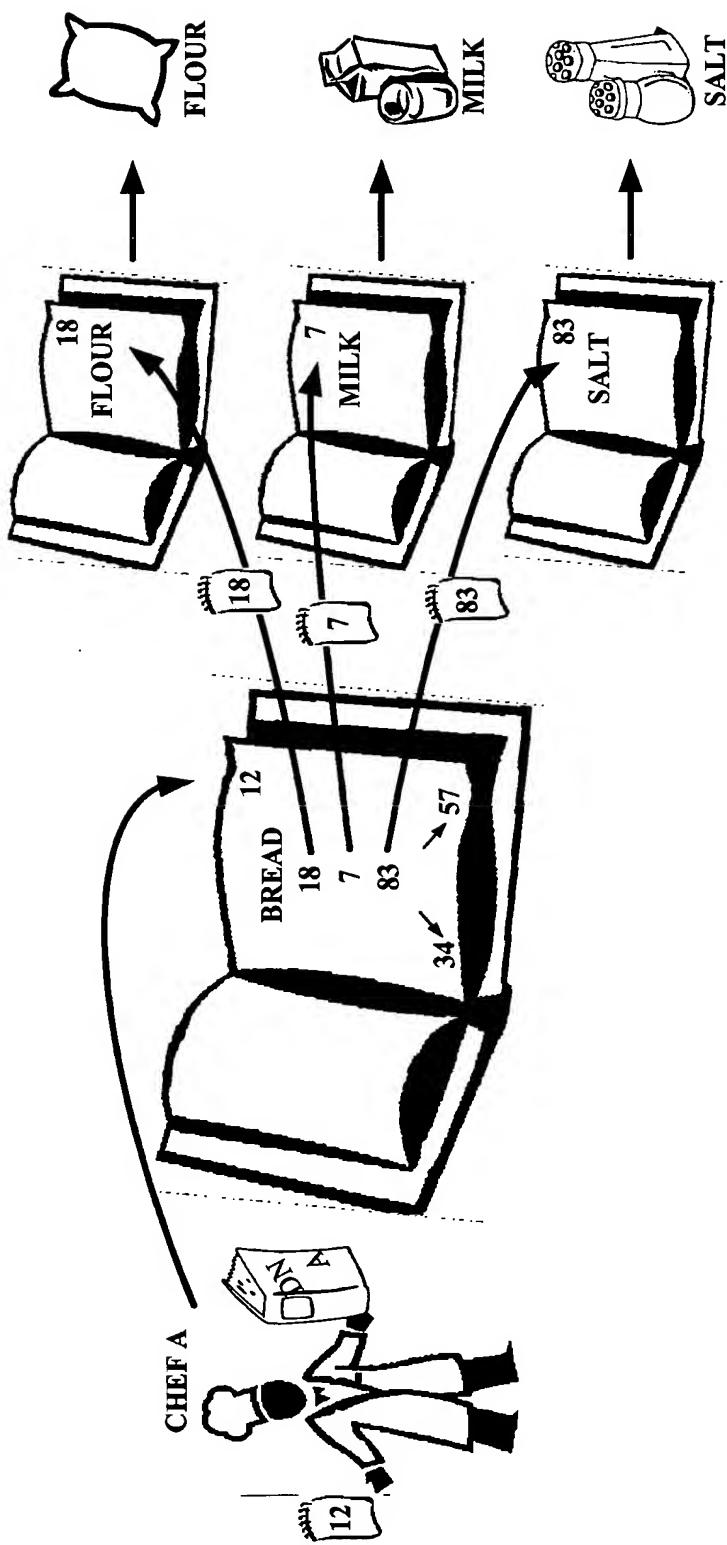


FIG. 5A

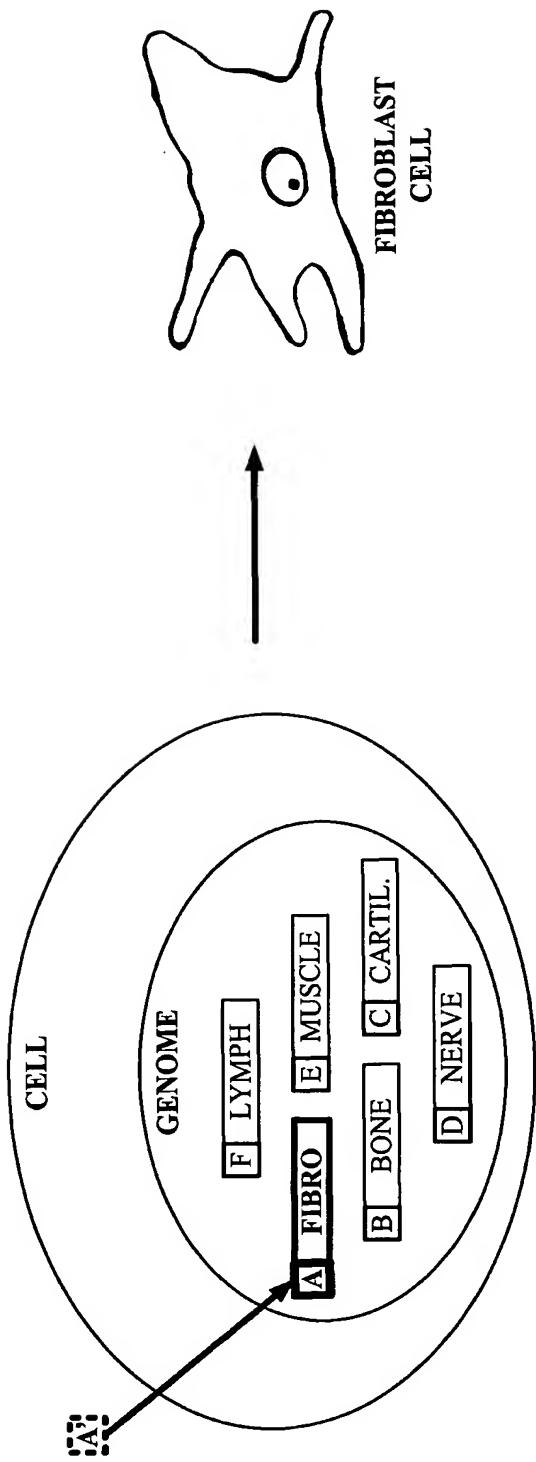
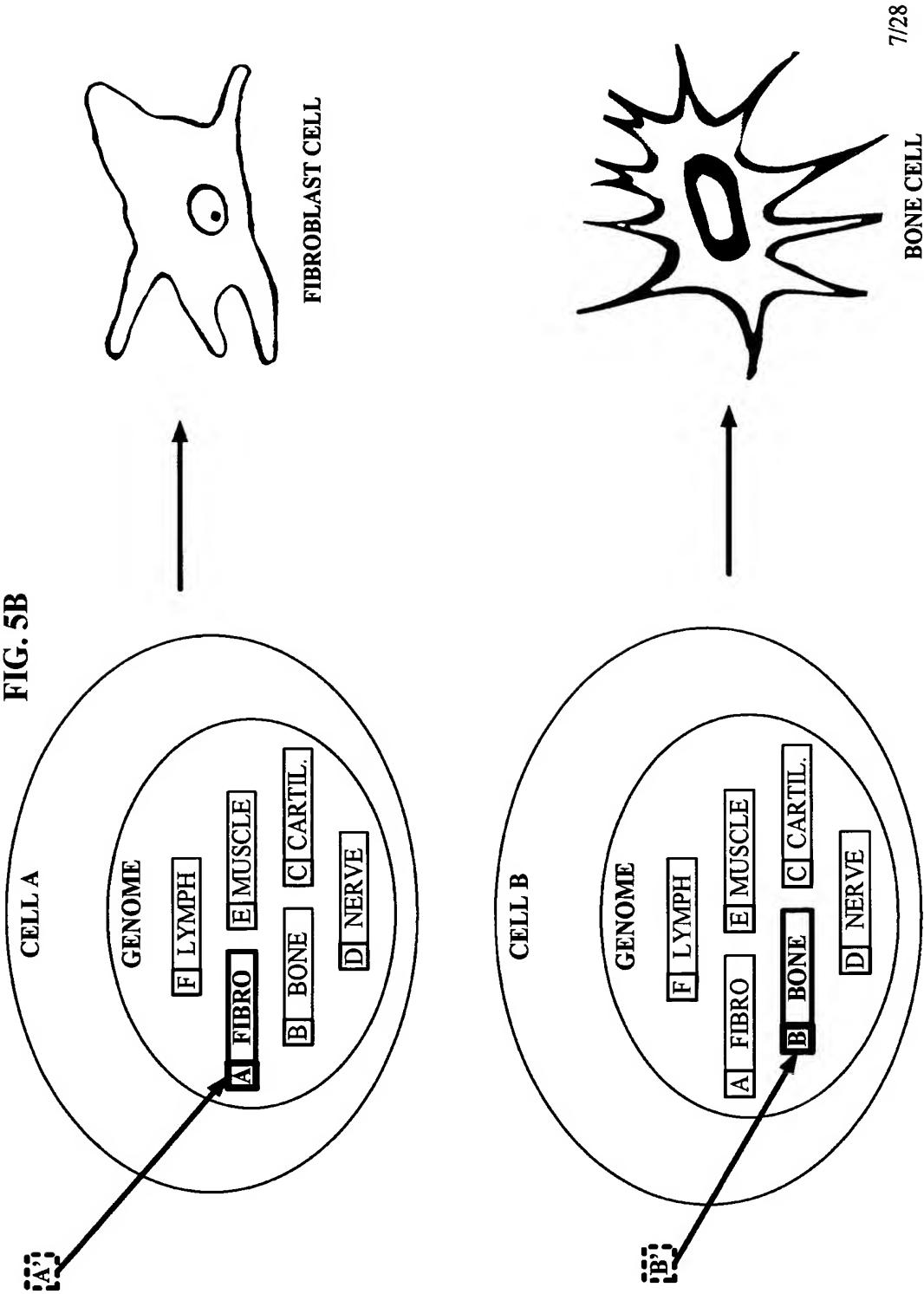


FIG. 5B



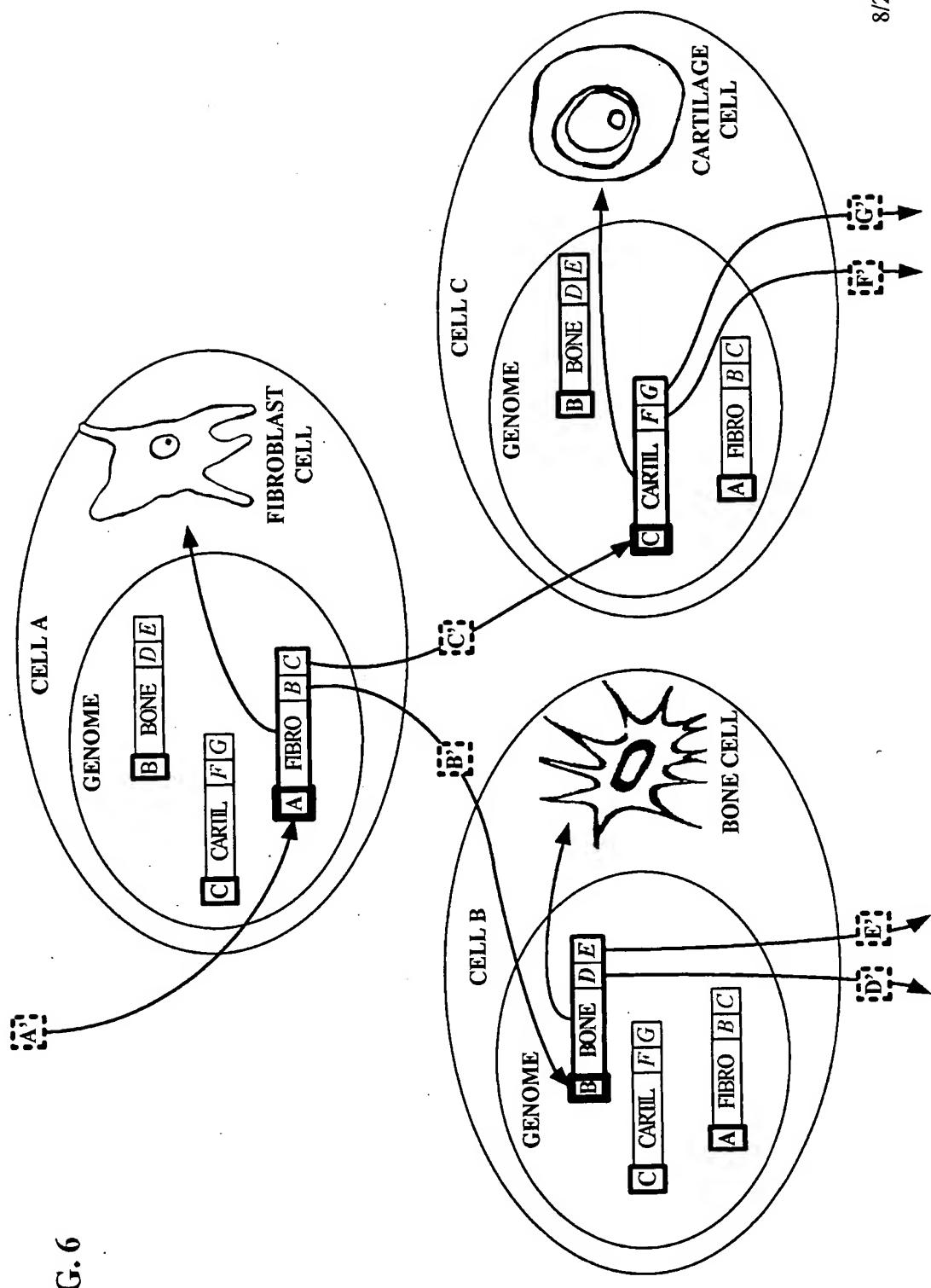


FIG. 6

FIG. 7

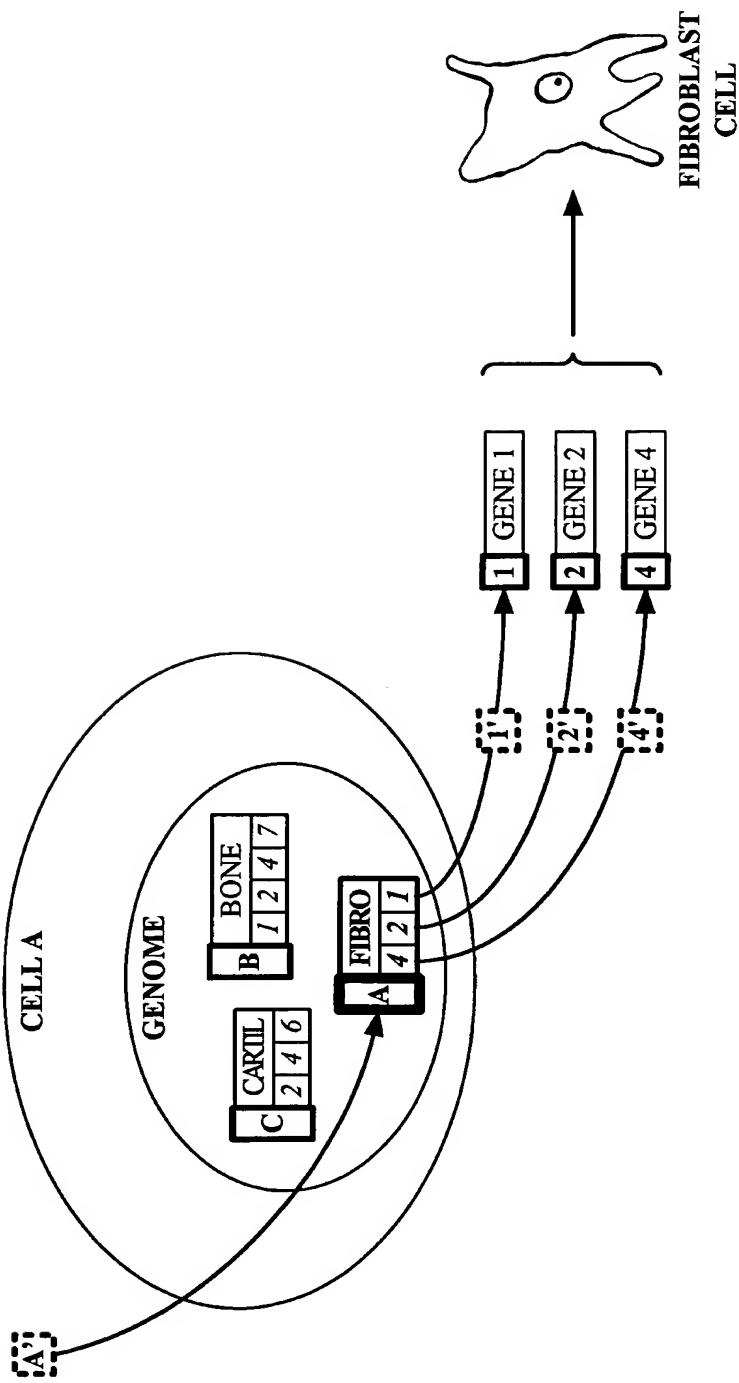


FIG. 8

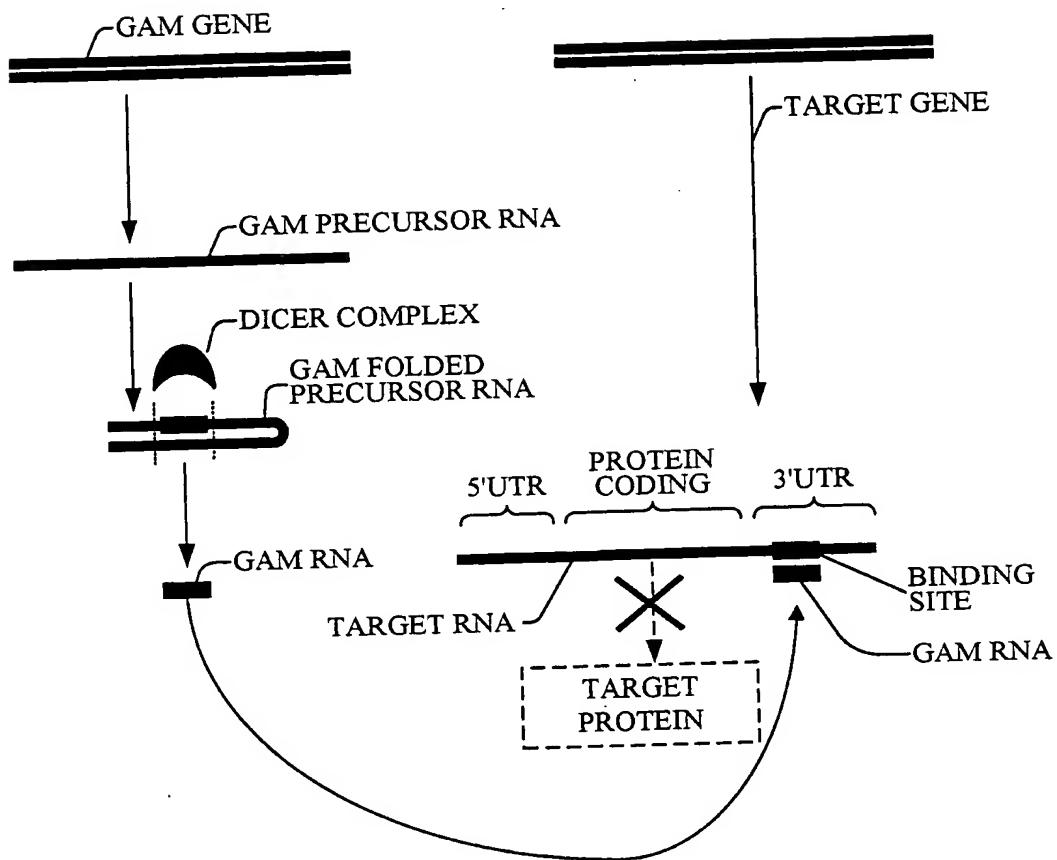


FIG. 9

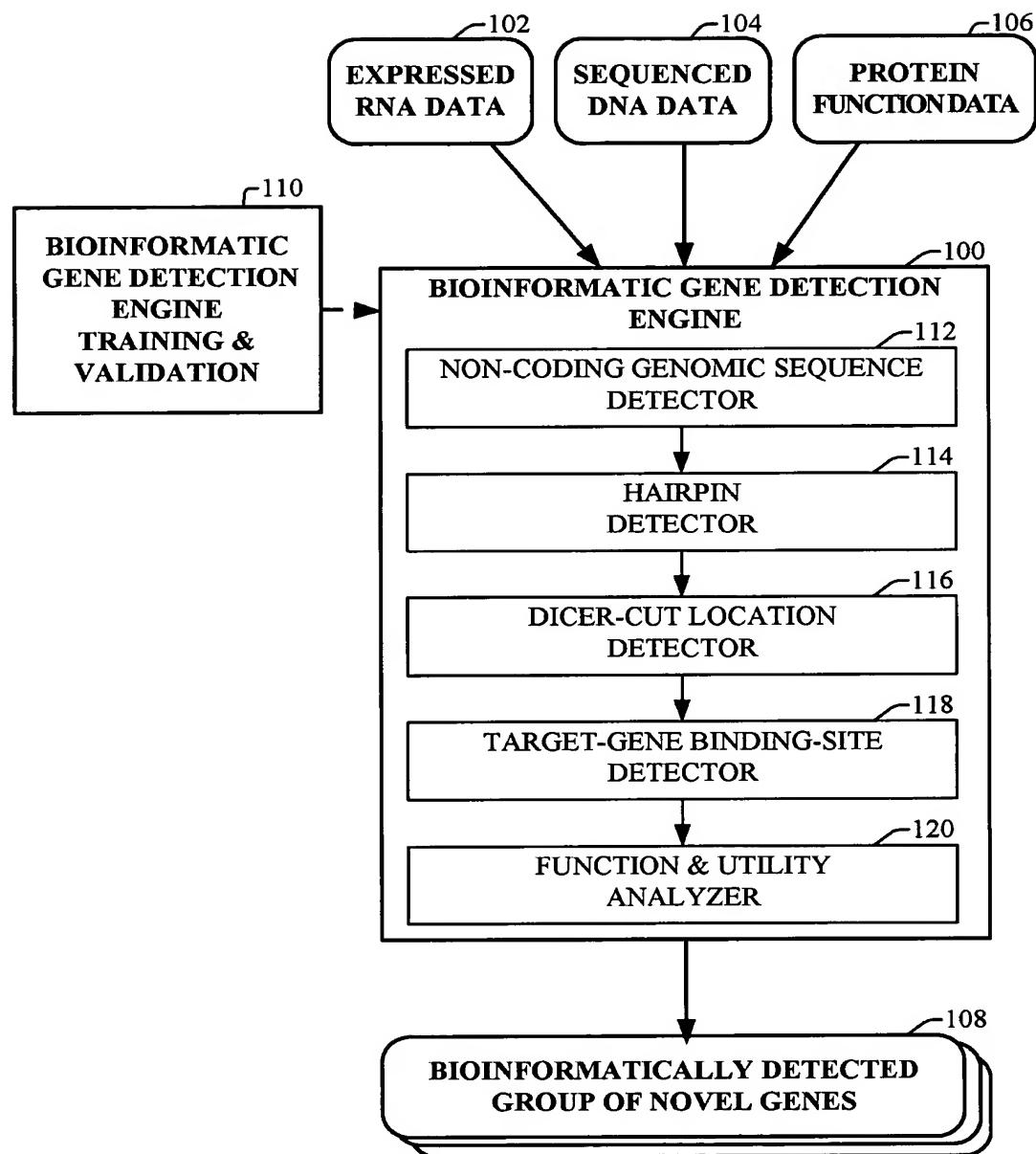


FIG. 10

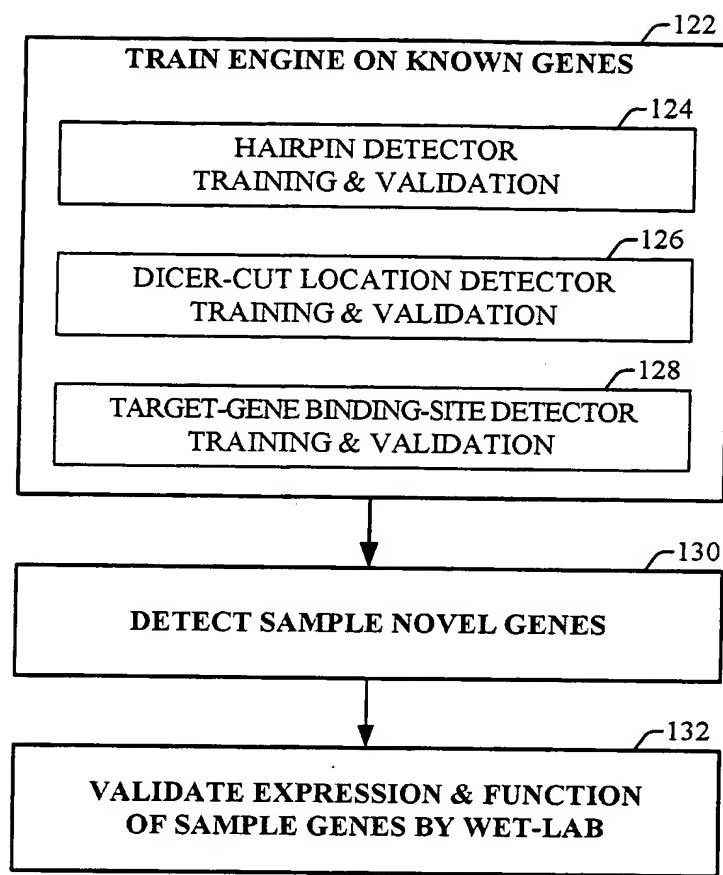


FIG. 11A

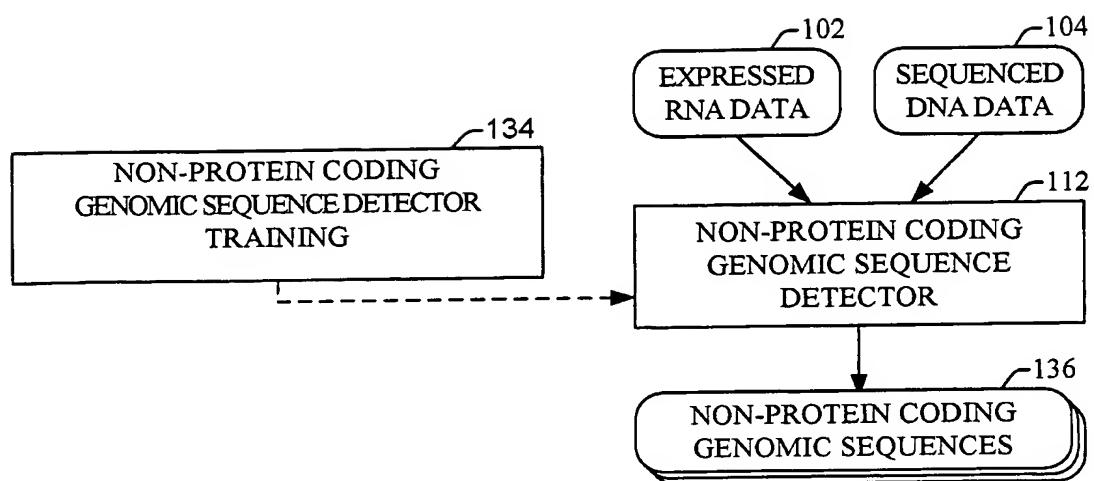


FIG. 11B

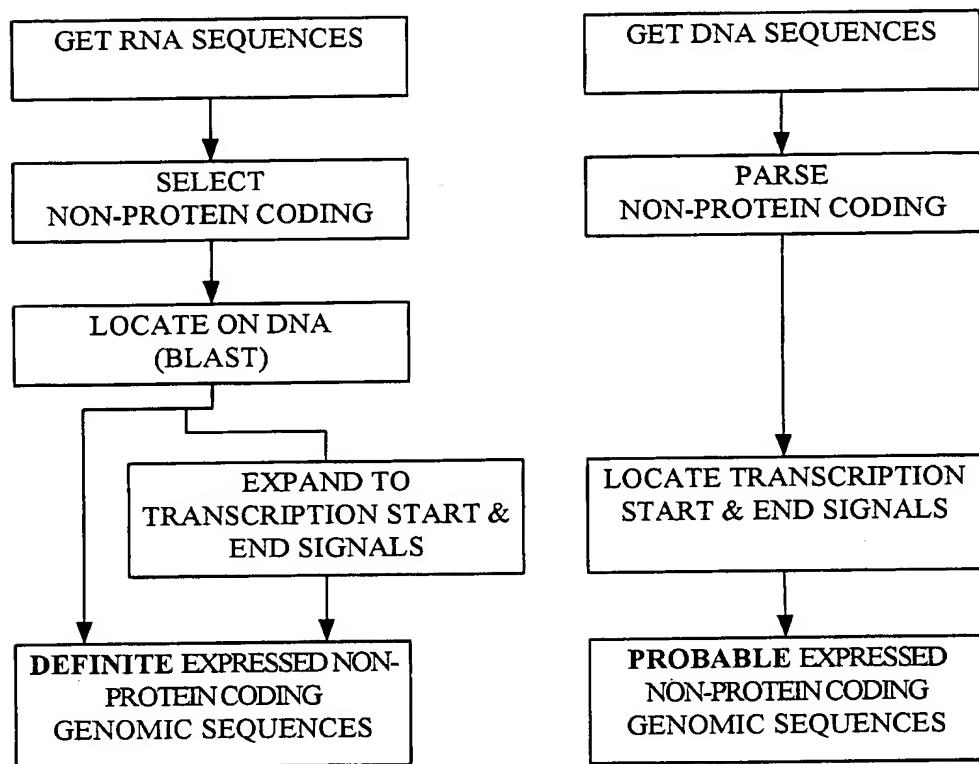


FIG. 12A

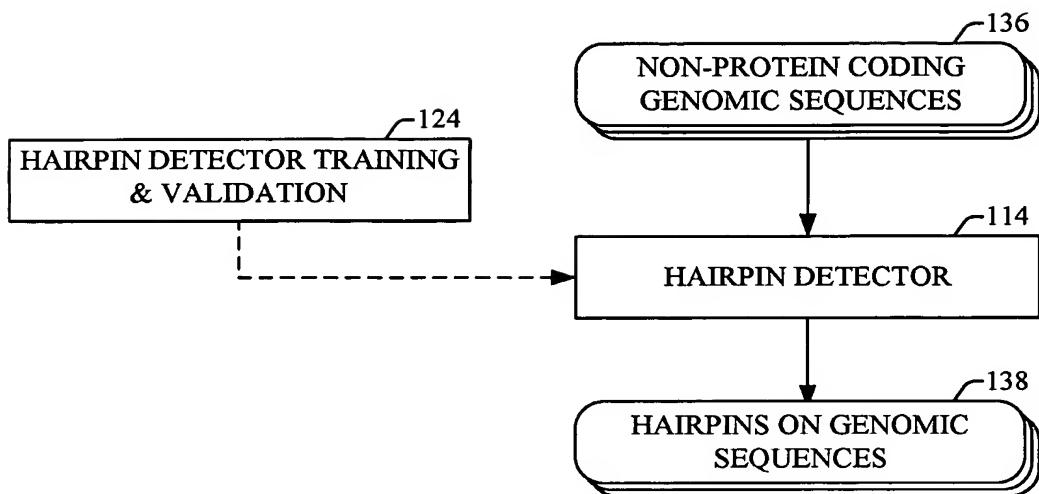


FIG. 12B

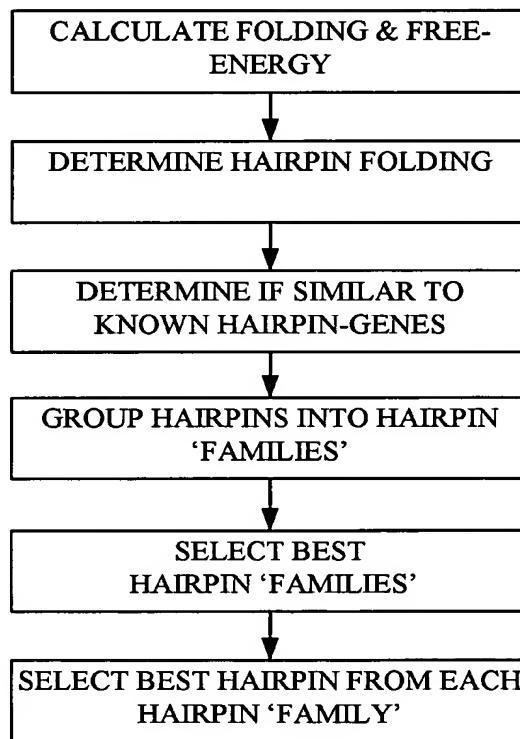


FIG. 13A

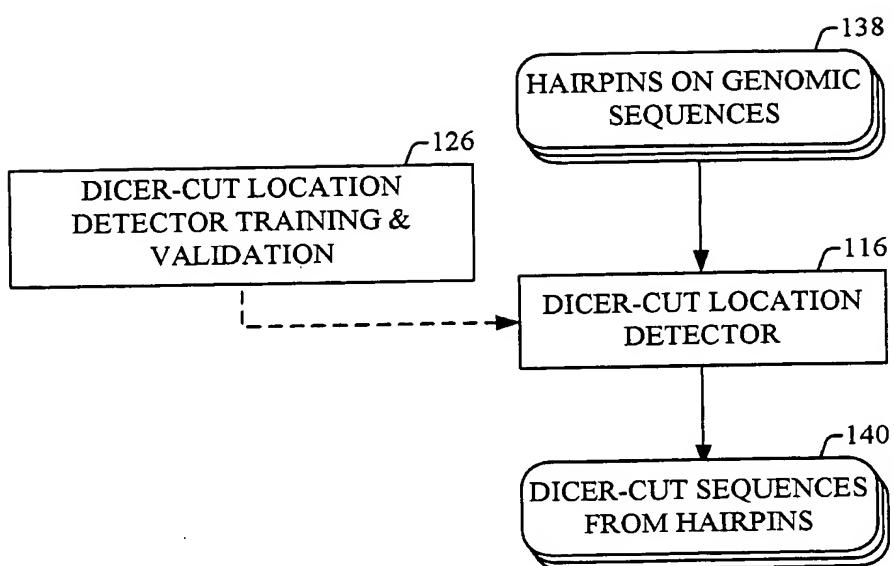


FIG. 13B

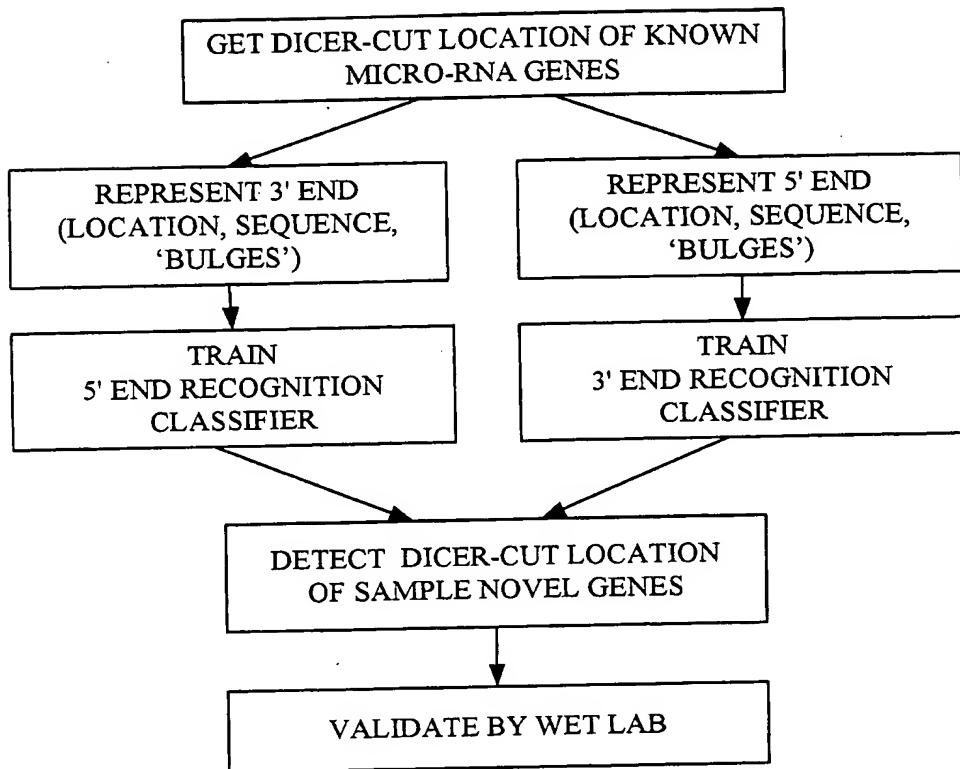


FIG. 13C

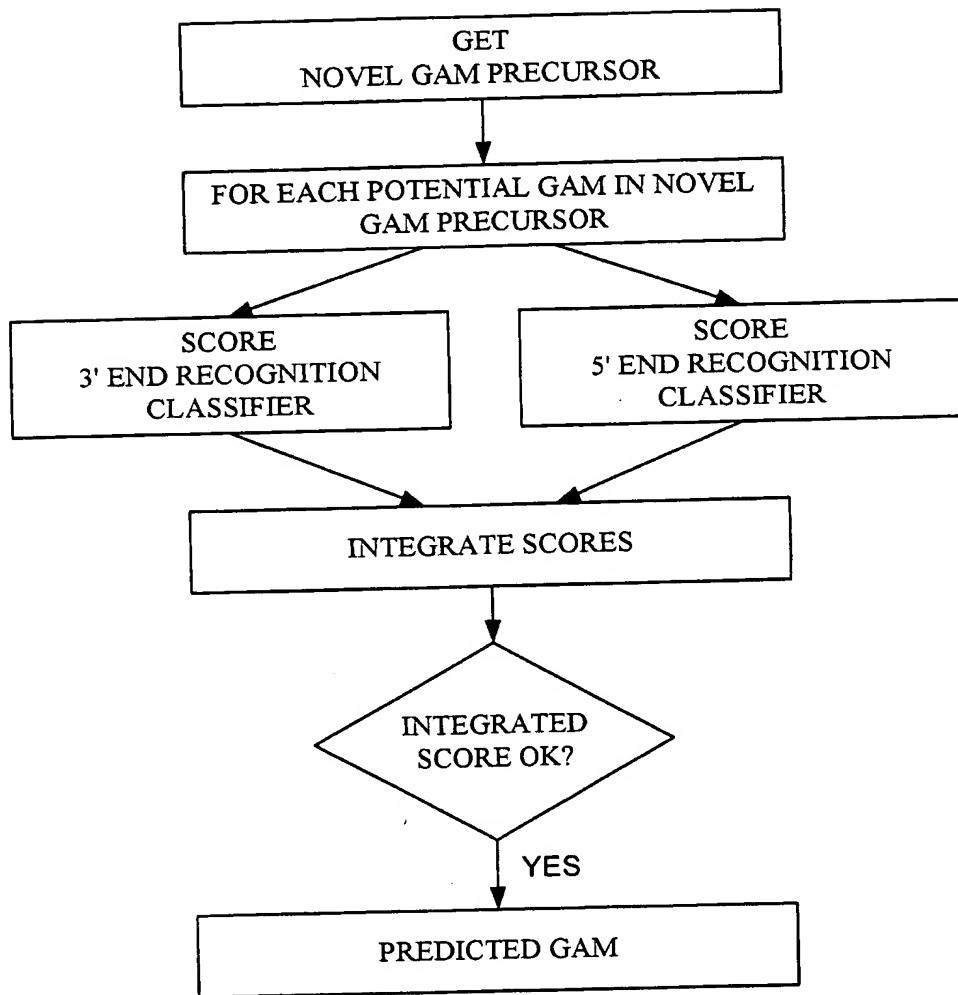


FIG. 14A

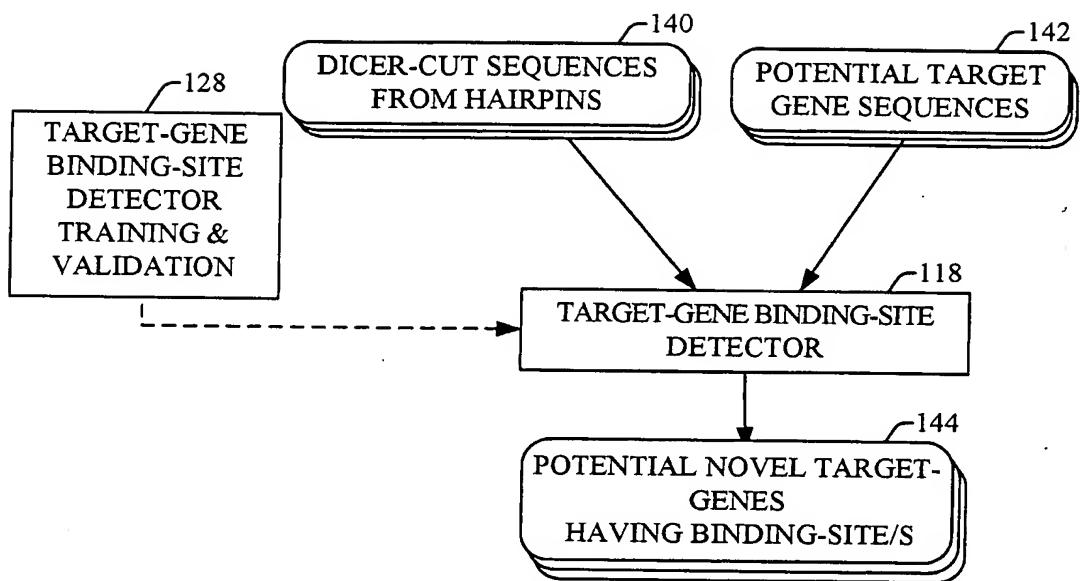


FIG. 14B

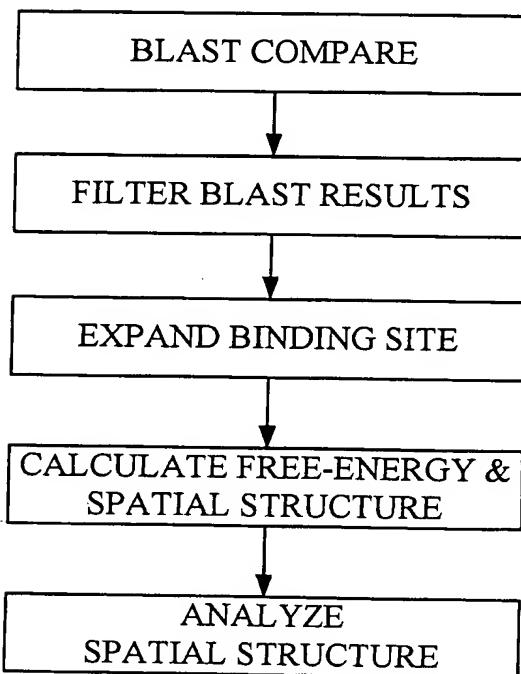


FIG. 15

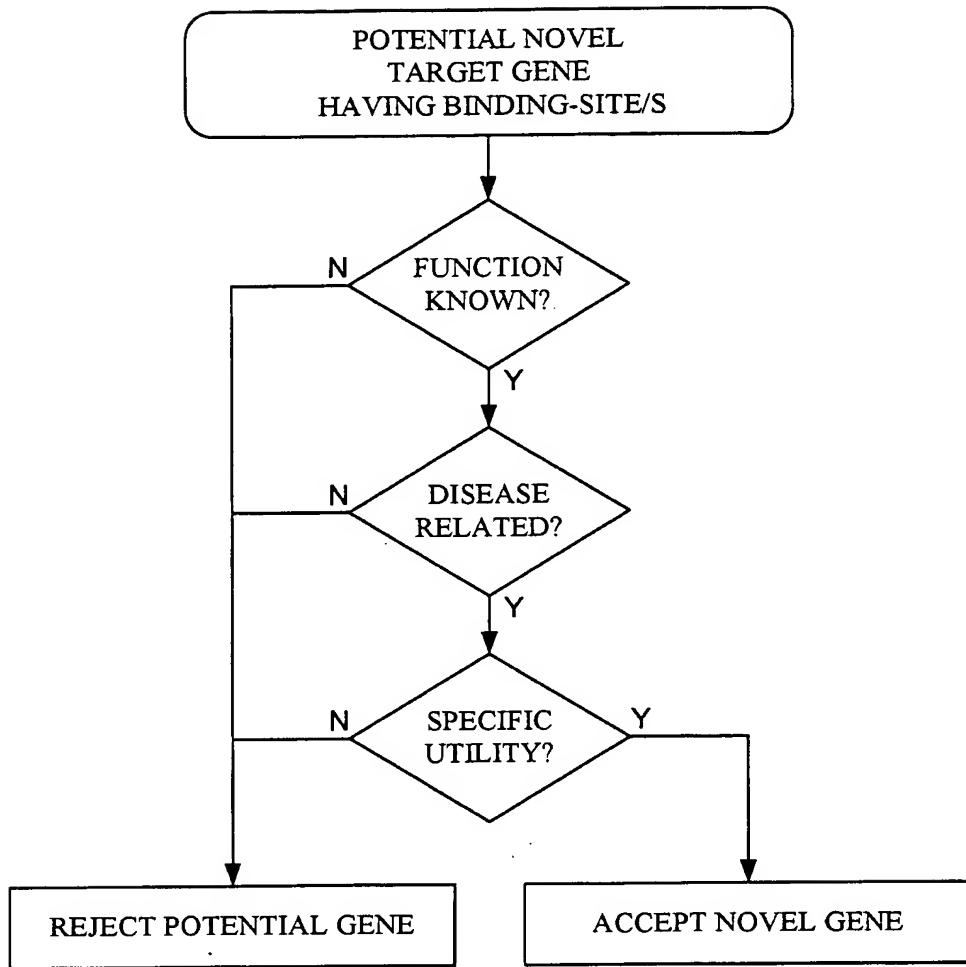


FIG. 16

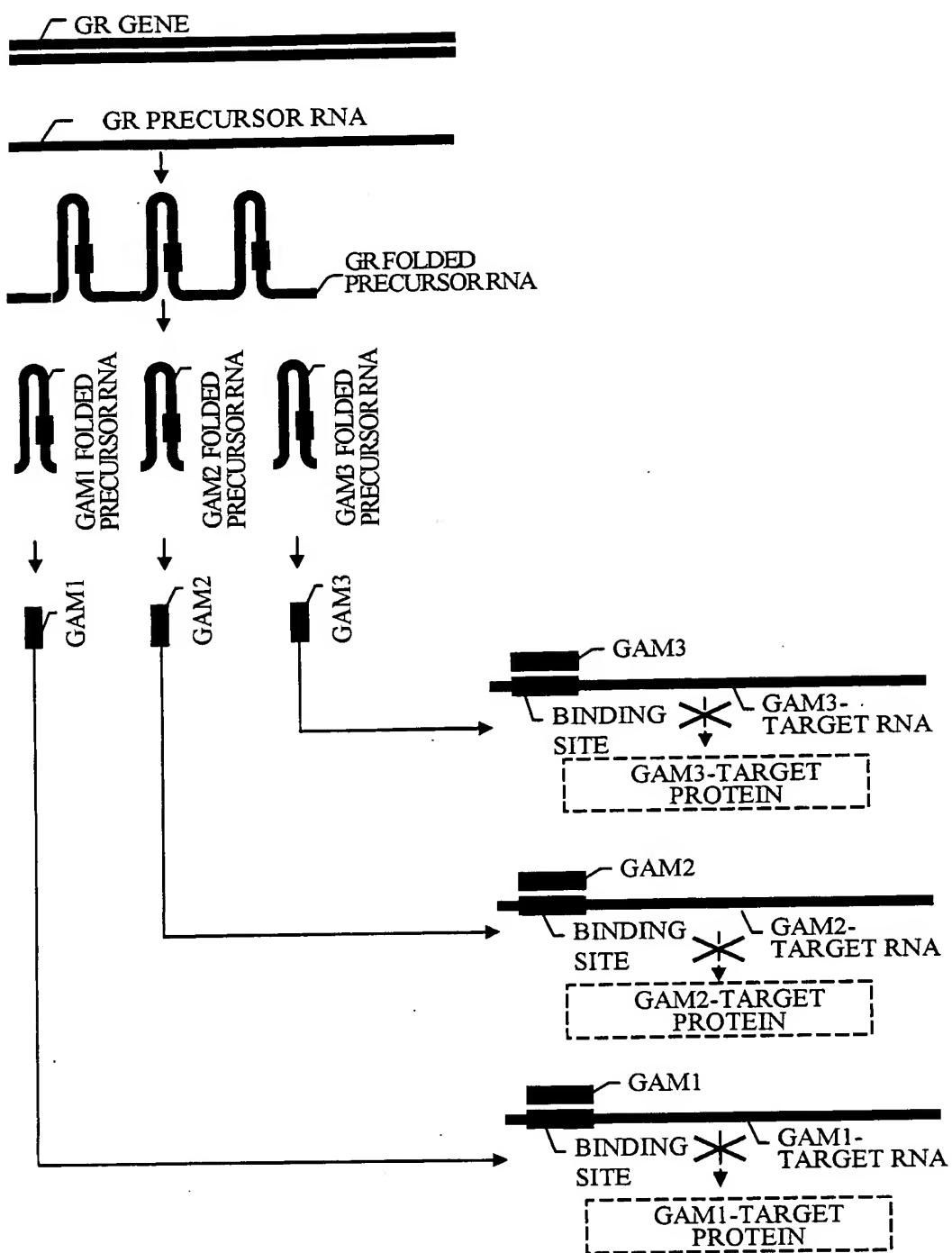


FIG. 17

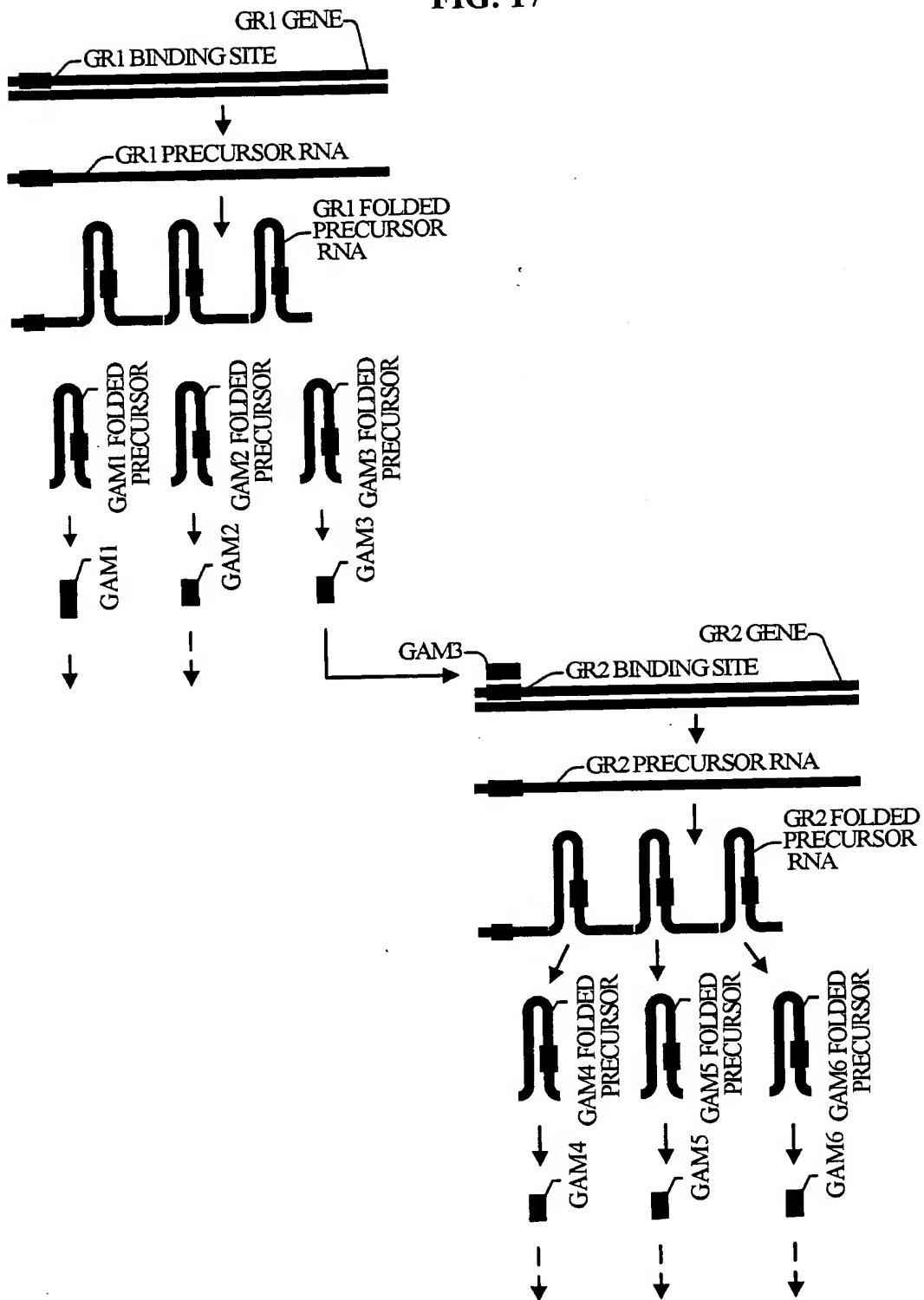


FIG. 18

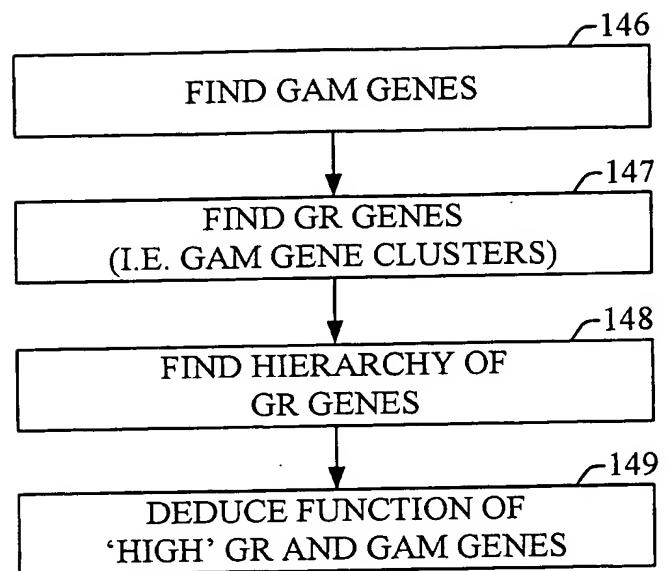


FIG. 19

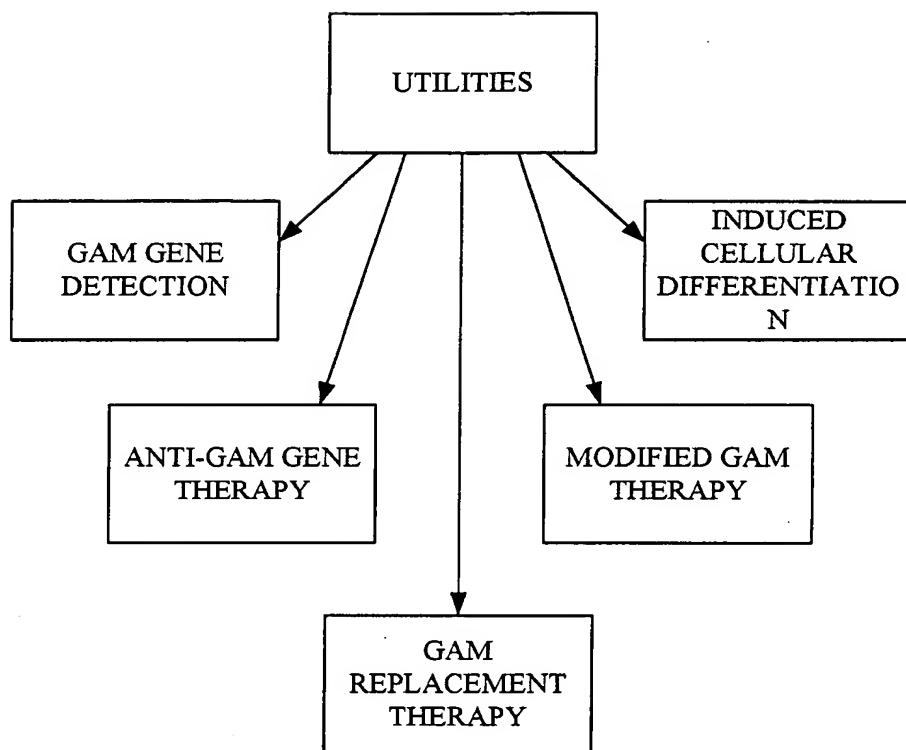


FIG. 20A

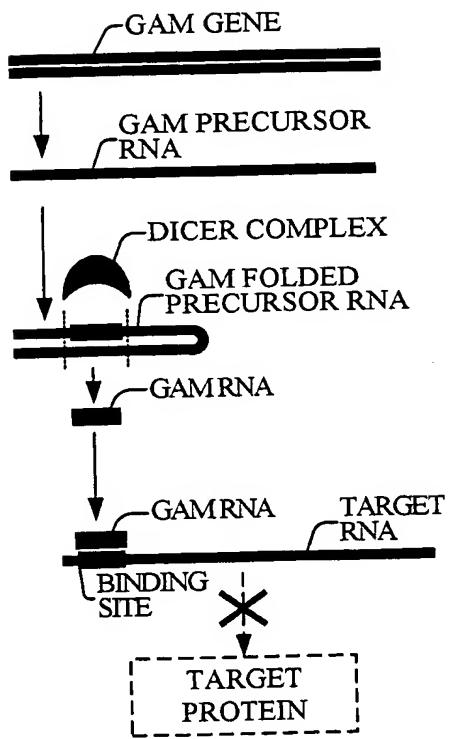
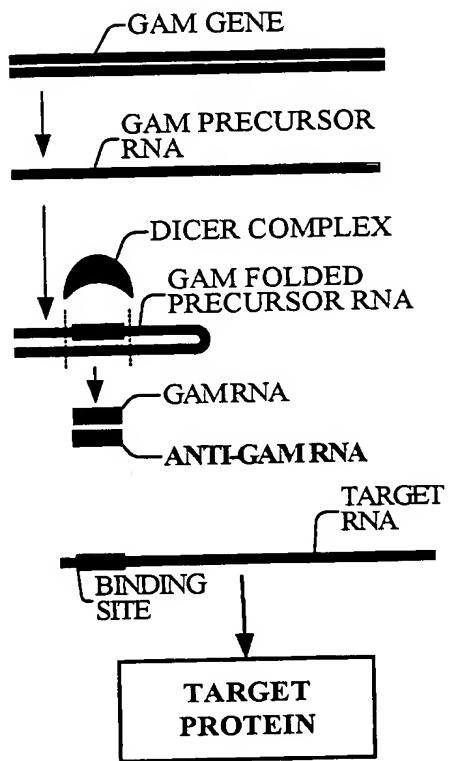


FIG. 20B



EST72223 sequence:

FIG. 21A

```

CCCTTATTAGAGGATTCTGCTATGCCAGGGTGAGGTAGTAAGTTGATTG
TTGTGGGTAGGGATATTAGGCCCAATTAGAACATAACTATACAAC
TACTACTTTCCCTGGTGTGGCATATTACACACTTAGTCTAGCAGTGTGCC
TCCATCAGACAAAGTTAGATGTCCTTGGATAATTGGACTGGAAGAAAAGA
GACATGGAAGGGGACAGATGGTGTAGGGTGAGGCAGATGTCATTATAAAAGT
GACTTGCTTTCAATTGGAGCATATAATTATTTACCTTGGCATGAACTC
ATTTGCTATTCTTCACTGTGTAACTGATTGCACTTTAGTAATAGAACAGGA
ATGTGTGCAAGGAAATGGAAAGCATACTTTAAGAATTGGGCCAGGCGGGT
GGTCATGCCTGTAATCCCAGCATTTGGGAGGCCAGGCGGGTGGATCAC
CTGAGGTCAAGGAGTTCGAGACCAACCTGGCCAACACGGCGAACCCCCGCTC
TACTCAAATACAAAATTAGCCAGGCTGGTGAACACTCGCCTGTGGTCCAGC
TACTCAGGAGGCTGAGGCAGGAGAATTGCTGAACCCAGGAAGTGGAG
GCTTCAGTGAGCTGAGAACACGCCACTGCACTCCAGTCCAGTGGCAAC
AGAGCAAGACTCTGTCAGGAAAAAAAAG

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FIG. 21B

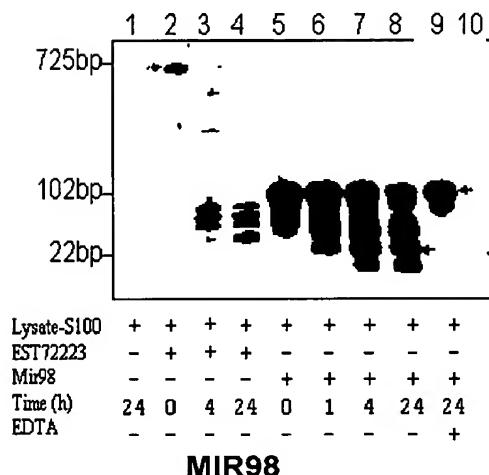


FIG. 21C

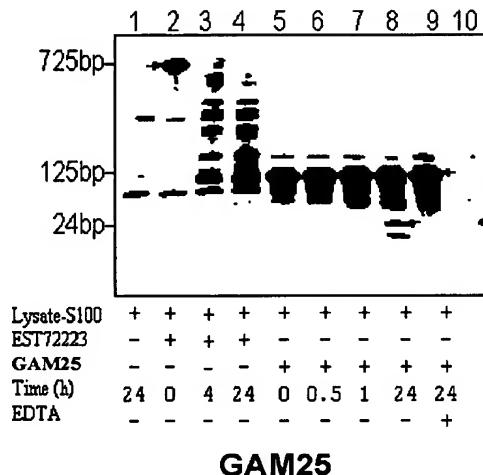


FIG. 21D

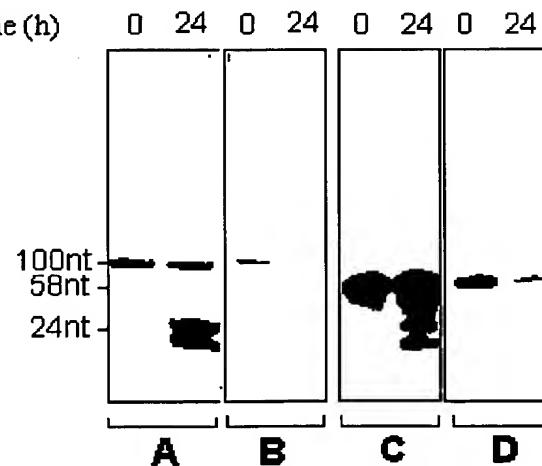


FIG. 22A

dbEST Id. 7929020 (Image4514344) sequence:
GCAAAAACGGAAAGCATTCCCTTGAAAACGGCACAAGACAGGGATGCCCTCTCAC
CGCTCCTATTCAACATAGTGTGGAAGTTCTGGCCAGGGCAATTAGGCAGGAGAAGGAA
ATAAAGGGTATTCAATTAGGAAAAGAGCAAGTCAGTCAGGCCAAATCTCCTTAAGCTGATAAGCA
GATTGTATATCTAGAAAACCCATTGTCTCAGGCCAAATCTCCTTAAGCTGATAAGCA
ACTTCAGCAAAGTCTCAGGATACAAAATAATGTACAAAATCACAAGCATTCTACAC
ACCAACAAACAGAAAAACAGAGCCAATCATGAGTGAACCTCCATTACAATTGCTTCAA
AGAGAATAAAATACCTAGGAATCCAACCTACAAGGGATGTGAAGGACCTTCAAGGAG
AACTACAAACCACTGCTCAAGGAATAAAAGAGGATACAACAAATGGAAGAACATTCC
ATGCTCATGGTAGGAAGATCAATATTGTGAAAATGCCATACTGCCAAGGTAATT
ACAGATTCAATGCCATCCCCATCAAGCTACCAATGACTTCTTCACAGAATTGGAAAAAA
ACTACTTTAAAGTTCATATGGAACCAAAAAGAGGCCGCATGCCAAGTCAATCTAAG
CCAAAAGAACAAAGCTGGAGGCATCACACTGACTTCAAACCTTACTACAAGGCTAGAM 24
CAGTAACCAAAACAGCATGGTACTGGTACCAAAACAGAGATATAGATCAATGGAACAGA
ACAGAGCCCTCAGAAATAACGCCGAATACCTACAACCTATCTGATCTTGACAAACCTGA
GAAAAACAAGCAATGGGAAAGGATTCCCTATTAAATAAAATGGTGTGGAAAACGTGAC
TAGCCATAATGTAGAAAGCTGAAACTGGATCCCTCCCTACACCTTACAAAATCAAT
TCAAGATGGATTAAAGATTTAACGTTAGACCTAAACCATAAAAACCTAGAAGAAAA
CCTAGGCATTACCATTCAGGACATAGGCATGGCAAGGACTTCATGTCCAAAACACCAA
AAGCAATGGCAACAAAGACAAAATTGACAAATGGGATCTAATTAAACTAAAGAGCTTC
TGCACAGCAAAAGAAACTACCATCAGAGTGAACAGGCCAACCTACAAAATGGAGAAAATGAM 26
TTTCGCAACCTACTCATGACAAGGGCTAATATCCAGAATCTACAAATGAACCTAAAC
AAATTACAAAAAAAAAAAAAA

FIG. 22B

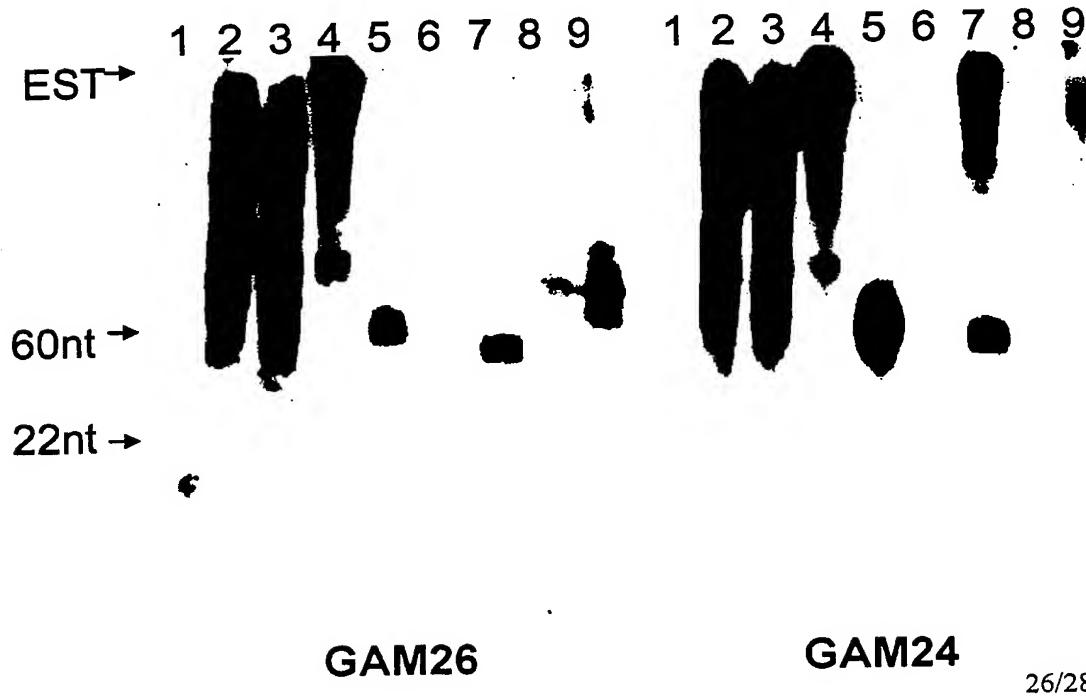
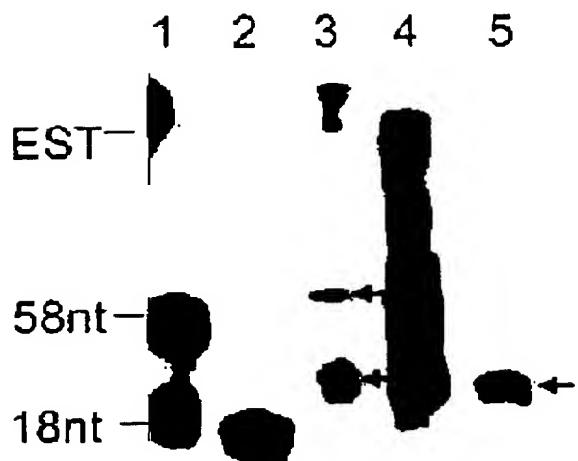


FIG. 22C



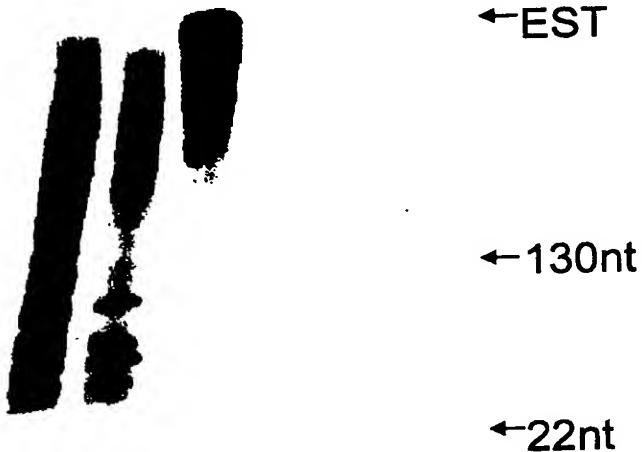
GAM26

FIG. 23A

dbEST Id. 1388749 (Image 1020185) Sequence:
ACTCCTATCAACAGTGTAAAAGCATTCTGTTCTCCATAATCTGCCAGCATCTTT
CATTTTTTGAATTATAGCCATTCTGACTGTTGAGATGGTGTCTATTGGGTTT
GATTGCATTCTCAGATGATCAGTGATGTTGAAGTTTTGTTGGCTGCATG
TATGCCTCTTGAAGAAGTGTCTGTTGTCCTTGACCCTTAATGGGTTG
AGTTTTTTCTTGAAATTGTTAAGTCTGTAGATGCTGGATATTAGACCTT
TGTCAGATGGATAGAGTGCAAAATTTCTCCATTCTGTAGGTTGCGGTTACTCT
GTTGATAGGTTCTTAATGCTGTGAGAAGCTTTAGTTAATTAGATCCCATTGTC
AATTTGGCTTGTGCAATTGCTTGGCATCTCGTCATGAAATCTTGCCTTG
CCTGTGTCTGAATGGCATTGCCTAGGTTCTCCAGGATTTATAGTTGGGTT
GTAGATTAAGTCTTAATCCATTGAGTTAACCTTGATATGGGTTAGGAAGGG
GCCGTTCAATTGCTGCAATGGCTAGCCAGTTCTCCAGCACCAATTAAATA
GGGAATCTTCCCCATTGCTCCTTGTCAAGGTTGTCAGGTTGCAAAGATCACATGGTTGA
GGTGTGTGGCTTATTCTGGGTCTCTATTCTGTTCCATTGGCTATGGGCCGGTTC
TGTACCAACTATGCTGTTGGTACCATAGTCTGTAGAATGTTGAAGCTGGGT
AGCATGATGCCCTAGCTTGCTCTGCTAAGAAATGCTTGCTATTGGCTATTGGCTC
TTTTGGTCCATATGAATTAAAATAGCTTTCTAGGTCGTAAAGAATGTGAA
TAGTAGTTAATGGCCTAGCATTAAATTACAGATTGCCCTGGCAGTGTGTCATT
TTCACGATATTGATCCTCCTGTGAGCATATGTTTCCATTGTTGTGTCAT
GAM
CTCTGATTCTTGAAATAATGGTTATAGTTACCTTGAAAGGTCCCTCAC
TTTCTGTTGTGATATTCTCTGGCAATTGTGAATGGGAGTTAA
TGTTAGCTGATTCTCTAGATATTACTCTCTGTGGCAATTGTGAATGGGAGTTAA
TTCATGAGTTCTCGGCTTGCCTGTTGGTGTATAGGAATGCTAGTGACTTT
GCACATTGATTTGTATCCTGAGACTTTGTTGAAGTGTGCTTATCAGCTAAGAAGTTT
TGAGCTGAGATGATGGAGTTCTAGATATAGGATCATATCTGCAAACAAAGATA
GTTGACTCCTGTCTCCTATTGAATAGCTTTCTTCTTGCTGATTGC
CTTGGTGAGAATTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGTGC
AA
27

FIG. 23B

1 2 3 4 5 6 7



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